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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS 3	Feb 06	Engineering Information Encompass files have new names
NEWS 4	Feb 16	TOXLINE no longer being updated
NEWS 5	Apr 23	Search Derwent WPINDEX by chemical structure
NEWS 6	Apr 23	PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7	May 07	DGENE Reload
NEWS 8	Jun 20	Published patent applications (A1) are now in USPATFULL
NEWS 9	JUL 13	New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS 10	Aug 23	In-process records and more frequent updates now in MEDLINE
NEWS 11	Aug 23	PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12	Aug 23	Adis Newsletters (ADISNEWS) now available on STN
NEWS 13	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS 14	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS 15	Oct 09	Number of Derwent World Patents Index updates increased
NEWS 16	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 17	Oct 22	Over 1 million reactions added to CASREACT
NEWS 18	Oct 22	DGENE GETSIM has been improved
NEWS 19	Oct 29	AAASD no longer available
NEWS EXPRESS	August 15	CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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* * * * * STN Columbus * * * * *

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SINCE FILE TOTAL

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ENTRY	SESSION
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FILE 'EMBASE' ENTERED AT 10:39:37 ON 02 NOV 2001
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FILE 'MEDLINE' ENTERED AT 10:39:37 ON 02 NOV 2001

=> s (lac or lactobacillus) and vector
L1 4741 (LAC OR LACTOBACILLUS) AND VECTOR

=> l1 and eukaryot?
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
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=> s l1 and eukaryot?
L2 114 L1 AND EUKARYOT?

=> s l2 and (CMV or cytomegalovirus?)
L3 3 L2 AND (CMV OR CYTOMEGALOVIRUS?)

=> d l3 1-3 ti bib abs

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI System for generating recombinant viruses by Tn7-mediated transposition in
E. coli
AN 2001:687363 CAPLUS
DN 135:252770
TI System for generating recombinant viruses by Tn7-mediated transposition in
E. coli
IN Richards, Cynthia Ann; Weiner, Michael Phillip
PA Glaxo Wellcome Inc., USA
SO U.S., 35 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6291214	B1	20010918	US 1999-309382	19990510
PRAI	US 1998-84936	P	19980511		

AB The present invention provides a system for simple generation of recombinant animal viruses. The system includes a virus homing **vector** and can further comprise a transfer **vector**. These components are used in a system that reduces the no. of cloning steps and provides for easier prepn. of a no. of recombinant viruses. The system is exemplified by generating recombinant adenoviruses through Tn7-mediated transposition in E. coli by making a low copy no. E. coli plasmids contg. a full-length adenoviral genome with lacZatt-Tn7 replacing E1 and have been constructed. These adenovirus plasmid or admid are stably maintained in E. coli strain DH10B. Several transfer **vectors** contg. a mammalian expression cassette flanked by Tn7R and

Tn7L are used as donors to transpose the mini-Tn7 into the E1 region of the adenoviral genome. Transposed recombinant admids are readily identified by their .beta.-galactosidase phenotype. Transfection of admid DNA into producer cells enables the efficient prodn. of pure, clonal stocks of infectious adenovirus without successive rounds of plaque purifn.

RE.CNT 11

RE

- (1) Berkner, K; Bio Techniques 1988, V6, P616 CAPLUS
- (2) Chartier, C; J Virol 1996, V70, P4805 CAPLUS
- (3) Colosi; US 6004797 1999 CAPLUS
- (4) Crouzet, J; Proc Natl Acad Sci USA 1997, V94, P1414 CAPLUS
- (5) He, T; Proc Natl Acad Sci USA 1998, V95, P2509 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS

TI Novel dual **vector** for gene expression in prokaryotic and **eukaryotic** systems

AN 2001:618437 CAPLUS

DN 135:191300

TI Novel dual **vector** for gene expression in prokaryotic and **eukaryotic** systems

IN Sorge, Joseph A.; Padgett, Kerstien A.

PA USA

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001016351	A1	20010823	US 1997-961888	19971031
AB	<p>The invention concerns an expression vector that permits expression of genes and fragments thereof in both prokaryotic and mammalian systems. The invention also pertains to derivs. of such vector that contain one or more prokaryotic or eukaryotic (esp. mammalian) genes or gene fragments. The invention further pertains to prokaryotic or mammalian cells contg. such an expression vector or deriv. The present invention eliminates the need to subclone from one vector system to another by combining the features of both vector systems into a single vector. The invention provides a dual expression vector comprising: (A) a cloning site; (B) transcription elements sufficient to permit transcription of a polynucleotide inserted into the cloning site in both a prokaryotic and a eukaryotic cell; (C) translation elements sufficient to permit translation of an RNA transcript of the polynucleotide in both a prokaryotic and a eukaryotic cell; and (D) replication elements sufficient to permit the replication of the vector in both a prokaryotic and a eukaryotic cell. The said cloning site is a restriction site which flanked by Eam1104I restriction sites being in inverted orientation with respect of each other.</p>				

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS

TI Reporter genes for gene expression in **eukaryotes**

AN 1993:442751 CAPLUS

DN 119:42751

TI Reporter genes for gene expression in **eukaryotes**

IN Sidoli, Alessandro; Rossi, Armando; De Rosa, Alfredo; Cannio, Raffaele

PA Primm S.r.l., Italy; Development Biotechnological Processess S.N.C.

SO PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9310245	A1	19930527	WO 1992-EP2582	19921110

W: US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE

PRAI GB 1991-23987 19911112

AB The reporter genes, esp. thermostable .beta.-galactosidase (I) gene of *Sulfolobus solfataricus*, are used for construction of **vectors** for gene expression in **eukaryotes**. By raising the temp. to inactivate substantially all the other proteins or enzymes activities, the I activity may be easily and accurately detd. Four plasmids contg. the I gene were constructed from pSV2-CAT(1), pRSV-neo(1), and pRC/RSV, and pRC/**CMV**, and transformed into simian CV1 and mouse fibroblast NIH3T3 cells, resp. The I activity was accurately detd. after heating the cell exts. at 70.degree. for 10 mins in the presence of 0.1% SDS.

=> d his

(FILE 'HOME' ENTERED AT 10:38:44 ON 02 NOV 2001)

FILE 'EMBASE, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 10:39:37 ON 02 NOV 2001

L1 4741 S (LAC OR LACTOBACILLUS) AND VECTOR

L2 114 S L1 AND EUKARYOT?

L3 3 S L2 AND (CMV OR CYTOMEGALOVIRUS?)

=>

TI Improving viability of **Lactobacillus acidophilus** and **Bifidobacterium** spp. in yogurt.

L1 ANSWER 32 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Milk fermented with yogurt cultures and **Lactobacillus casei** compared with yogurt and gelled milk: Influence on intestinal microflora in healthy infants.

L1 ANSWER 33 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Properties of porcine and yogurt **lactobacilli** in relation to lactose intolerance.

L1 ANSWER 34 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Bacteriophage-triggered defense systems: Phage adaptation and design improvements.

L1 ANSWER 35 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI The association of yogurt starters with **Lactobacillus casei** DN 114.001 in fermented milk alters the composition and metabolism of intestinal microflora in germ-free rats and in human flora-associated rats.

L1 ANSWER 36 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Pattern of metabolism and composition of the fecal microflora in infants 10 to 18 months old from day care centers.

L1 ANSWER 37 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Replacement of isoleucine-47 by threonine in the HPr protein of **Streptococcus salivarius** abrogates the preferential metabolism of glucose and fructose over lactose and melibiose but does not prevent the phosphorylation of HPr on serine-46.

L1 ANSWER 38 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Influence of bile on **beta-galactosidase** activity and cell viability of **Lactobacillus reuteri** when subjected to freeze-drying.

L1 ANSWER 39 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Improvement of lactose digestion by humans following injection of unfermented acidophilus milk: Influence of bile sensitivity, lactose transport, and acid tolerance of **Lactobacillus acidophilus**.

L1 ANSWER 40 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI In vitro lactose fermentation by human colonic bacteria is modified by **Lactobacillus acidophilus** supplementation.

L1 ANSWER 41 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI **Beta-Galactosidase** activity in thermophilic **lactobacilli**: Their potential use as dietary adjunct.

L1 ANSWER 42 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Single-crossover integration in the **Lactobacillus sake** chromosome and insertion inactivation of the *ptsI* and *lacL* genes.

L1 ANSWER 43 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Effect of bacterial galactosidase treatment on the nutritional status of soybean seeds and its milk derivative.

L1 ANSWER 44 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Physico-chemical characteristics of Yogurt by **Lactobacillus** spp. from pickles.

L1 ANSWER 45 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI The lac operon of **Lactobacillus casei** contains lacT, a gene coding for a protein of the BglG family of transcriptional antiterminators.

L1 ANSWER 46 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI **Beta-Galactosidase** activity of **Lactobacillus** spp. from pickles.

L1 ANSWER 47 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Production, purification and characterization of reuterin 6, a bacteriocin with lytic activity produced by **Lactobacillus reuteri** LA6.

L1 ANSWER 48 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Effect of polymers and storage temperature on the stability of freeze-dried lactic acid bacteria.

L1 ANSWER 49 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Structured model for batch culture growth of **Lactobacillus bulgaricus**.

L1 ANSWER 50 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Digestion and tolerance of lactose from yoghurt and different semi-solid fermented dairy products containing **Lactobacillus acidophilus** and bifidobacteria in lactose maldigesters: Is bacterial lactase important.

=> d 11 51-100 ti

L1 ANSWER 51 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Differentiation and identification of human faecal anaerobic bacteria producing **beta-galactosidase** (a new methodology).

L1 ANSWER 52 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Effect of whey protein concentrate on the survival of **Lactobacillus acidophilus** in lactose hydrolysed yoghurt during refrigerated storage.

L1 ANSWER 53 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI The effect of cations on the hydrolysis of lactose and the transferase reactions catalysed by **beta-galactosidase** from six strains of lactic acid bacteria.

L1 ANSWER 54 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Protoplast fusion between **Lactobacillus casei** and **Lactobacillus acidophilus**.

L1 ANSWER 55 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI The **beta-galactosidase** (*Escherichia coli*) reaction is partly facilitated by interactions of His-540 with the C6 hydroxyl of galactose.

L1 ANSWER 56 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Coexistence of two kinds of 6-phospho-**beta-galactosidase** in the cytosol of **Lactobacillus gasserii** JCM1031: Purification and characterization of 6-phospho-**beta-galactosidase** II.

L1 ANSWER 57 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Damage of lactic acid bacteria caused by freezing at different freezing

rates.

- L1 ANSWER 58 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Construction of an integrative food-grade cloning vector for **Lactobacillus acidophilus**.
- L1 ANSWER 59 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The lactose transporter in *Leuconostoc lactis* is a new member of the LacS subfamily of galactoside-pentose-hexuronide translocators.
- L1 ANSWER 60 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Composition of the **Lactobacillus acidophilus** complex isolated from vaginal flora.
- L1 ANSWER 61 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Physico-chemical characteristics and **beta-galactosidases** activity of **Lactobacillus plantarum** from kimchi.
- L1 ANSWER 62 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characteristics of **beta-galactosidase** activity in **Lactobacillus plantarum** from kimchi.
- L1 ANSWER 63 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of bile sensitivity and lactose transport on improvement of human lactose digestion.
- L1 ANSWER 64 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Purification and characterization of 6-phospho-**beta-galactosidase** from **Lactobacillus gasseri** JCM 1031.
- L1 ANSWER 65 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characterization of *pepR1*, a gene coding for a potential transcriptional regulator of **Lactobacillus delbrueckii** subsp. *lactis* DSM7290.
- L1 ANSWER 66 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Ultrasound-enhanced lactose hydrolysis in milk fermentation with **Lactobacillus bulgaricus**.
- L1 ANSWER 67 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Two genes encoding the **beta-galactosidase** of **Lactobacillus sake**.
- L1 ANSWER 68 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Survival during frozen and subsequent refrigerated storage of **Lactobacillus acidophilus** cells as influenced by the growth phase.
- L1 ANSWER 69 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Evaluation of **beta-galactosidase** activities associated with probiotic lactic acid bacteria by high performance liquid chromatography.
- L1 ANSWER 70 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI A new mobile genetic element in **Lactobacillus delbrueckii** subsp. *bulgaricus*.
- L1 ANSWER 71 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Expression of a **beta-galactosidase** gene from **Lactobacillus sake** in *Escherichia coli*.
- L1 ANSWER 72 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effect of Thawing Rate On Survival and Activity of Lactic Acid Bacteria.

L1 ANSWER 73 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Revival and identification of bacterial spores in 25- to 40-million-year-old Dominican amber.

L1 ANSWER 74 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Properties of **Lactobacillus** helveticus CNRZ-32 Attenuated by Spray-Drying, Freeze-Drying, or Freezing.

L1 ANSWER 75 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Influence of bile on **beta-galactosidase** activity of component species of yogurt starter cultures.

L1 ANSWER 76 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Viability and Enzymatic Activity of Bifidobacteria in Milk.

L1 ANSWER 77 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Molecular cloning and nucleotide sequence of the **beta-galactosidase** gene from Enterobacter cloacae GAO.

L1 ANSWER 78 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI ISL2, a new mobile genetic element in **Lactobacillus** helveticus.

L1 ANSWER 79 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Dependence of lactose metabolism upon mutarotase encoded in the gal operon in Escherichia coli.

L1 ANSWER 80 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Expression of **Lactobacillus** casei ATCC 393 **beta-galactosidase** encoded by plasmid pLZ15 in Lactococcus lactis CNRZ 1123.

L1 ANSWER 81 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Identification and sequencing of the Thermotoga maritima lacZ gene, part of a divergently transcribed operon.

L1 ANSWER 82 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Cloning and expression of the plasmid encoded beta-D-galactosidase gene from a **Lactobacillus** plantarum strain of dairy origin.

L1 ANSWER 83 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Purification and some properties of **beta-galactosidase** from **Lactobacillus** acidophilus JCM 1229.

L1 ANSWER 84 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Isolation and structural analysis of the phospho-**beta-galactosidase** gene from **Lactobacillus** acidophilus.

L1 ANSWER 85 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Two histidines are essential for the activity of the **beta-galactosidase** from **Lactobacillus** delbrueckii subsp. bulgaricus.

L1 ANSWER 86 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Nucleotide and deduced amino acid sequences of Rhizobium meliloti 102F34 lacZ gene: Comparison with prokaryotic **beta-galactosidases** and human beta-glucuronidase.

L1 ANSWER 87 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Generation and characterization of environmentally sensitive variants of the **beta-galactosidase** from **Lactobacillus** delbrueckii subsp. bulgaricus.

- L1 ANSWER 88 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Characterization of two cold-sensitive mutants of the **beta-galactosidase** from **Lactobacillus delbrueckii** subsp. **bulgaricus**.
- L1 ANSWER 89 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI High- and low-copy-number *Lactococcus* shuttle cloning vectors with features for clone screening.
- L1 ANSWER 90 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI 6-Phospho-**beta-galactosidases** of Gram-positive and 6-phospho-beta-glucosidase B of Gram-negative bacteria: Comparison of structure and function by kinetic and immunological methods and mutagenesis of the *lacG* gene of *Staphylococcus aureus*.
- L1 ANSWER 91 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Isolation, characterization and nucleotide sequence of the *Streptococcus mutans* lactose-specific enzyme II (*lacE*) gene of the PTS and the phospho-**beta-galactosidase** (*lacG*) gene.
- L1 ANSWER 92 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Growth of lactic acid bacteria and bifidobacteria on lactose and lactose-related mono-, di- and trisaccharides and correlation with distribution of **beta-galactosidase** and phospho-**beta-galactosidase**.
- L1 ANSWER 93 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Effects of transgalactosylated disaccharides on the human intestinal microflora and their metabolism.
- L1 ANSWER 94 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Cloning and characterization of a gene whose product is a trans-activator of anthrax toxin synthesis.
- L1 ANSWER 95 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Influence of bile on cellular integrity and **beta-galactosidase** activity of **Lactobacillus acidophilus**.
- L1 ANSWER 96 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Engineering enzymes for improved performance in industrial applications.
- L1 ANSWER 97 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI **Beta-Galactosidase** and 6-phospho-**beta-galactosidase** activities in strains of the **Lactobacillus acidophilus** complex.
- L1 ANSWER 98 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Properties of **beta-galactosidase** of **Lactobacillus kefirianofaciens** K-1 isolated from kefir grains.
- L1 ANSWER 99 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Lactose metabolism in **Lactobacillus curvatus** and **Lactobacillus sake**.
- L1 ANSWER 100 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
 TI LACTOSE METABOLISM AND LACTASE GENE SEq@pzgR3JF
- X,pwR @ - @RpzgRaRzxR
 X,pwR @ - @R,-kWRaRzmmR
 X,pwR @ - @R4W yuWRaRzxR
 X,pwR @ - @R yqW4RaR)GR

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Search History

Today's Date: 11/2/2001

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USPT,PGPB,JPAB,EPAB,DWPI,TDBD	17 and erythromycin	27	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	17 and (rep A)	0	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	16 and lactobacillus	45	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and (cytomegalovirus or CMV)	1637	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and eukaryotic	4031	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 and vector	6555	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	lac	9603	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	lac shuttle vector?	0	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	lac shuttle vector?	0	<u>L1</u>

Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 5866385 A

L1: Entry 1 of 10

File: USPT

Feb 2, 1999

US-PAT-NO: 5866385

DOCUMENT-IDENTIFIER: US 5866385 A

TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dickely; Fran.cedilla.oise	Obernai			DKX
Johansen; Eric	H.o slashed.rsholm			DKX
Nilsson; Dan	Copenhagen			DKX
Hansen; Egon Bech	Br.o slashed.nsh.o slashed.j			DKX

US-CL-CURRENT: 435/6; 426/39, 426/42, 426/52, 426/56, 435/252.1, 435/252.3, 435/252.9, 435/320.1, 435/440, 435/472, 435/476

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5837509 A

L1: Entry 2 of 10

File: USPT

Nov 17, 1998

US-PAT-NO: 5837509

DOCUMENT-IDENTIFIER: US 5837509 A

TITLE: Recombinant lactic acid bacterium containing an inserted promoter and method of constructing same

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Israelsen; Hans	Alleroed			DKX
Hansen; Egon Bech	Broenshoej			DKX
Johansen; Eric	Hoersholm			DKX
Madsen; Soeren Michael	Copenhagen			DKX
Nilsson; Dan	Copenhagen			DKX
Vrang; Astrid	Lyngby			DKX

US-CL-CURRENT: 435/91.1; 435/257.3, 435/320.1, 435/473, 435/476, 435/69.1, 435/71.1, 435/853, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 5691185 A

L1: Entry 3 of 10

File: USPT

Nov 25, 1997

US-PAT-NO: 5691185

DOCUMENT-IDENTIFIER: US 5691185 A

TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dickely; Fran.cedilla.oise	Obernai			FRX
Johansen; Eric	H.o slashed.rsholm			DKX
Nilsson; Dan	Copenhagen			DKX
Hansen; Egon Bech	Br.o slashed.nsh.o slashed.j			DKX
Str.o slashed.man; Per	Naerum			DKX

US-CL-CURRENT: 435/252.3; 435/252.9, 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 4. Document ID: US 5580787 A

L1: Entry 4 of 10

File: USPT

Dec 3, 1996

US-PAT-NO: 5580787

DOCUMENT-IDENTIFIER: US 5580787 A

TITLE: Cloning vector for use in lactic acid bacteria

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wessels; Stephen	DK-3060 Espergaerde			DKX
Josephsen; Jytte	DK-2000 Frederiksberg			DKX
Vogensen; Finn	DK-3400 Hiller.o slashed.d			DKX
Nielsen; Egil W.	DK-3500 Kirke Vaerl.o slashed.se			DKX
von Wright; Atte	Kuopio			FIX
Tynkkynen; Soile	Espoo			FIX

US-CL-CURRENT: 435/320.1; 424/93.45, 426/34, 435/139, 435/252.3, 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 5. Document ID: US 5186962 A

L1: Entry 5 of 10

File: USPT

Feb 16, 1993

US-PAT-NO: 5186962
DOCUMENT-IDENTIFIER: US 5186962 A

TITLE: Composition and method for inhibiting pathogens and spoilage organisms in foods

DATE-ISSUED: February 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hutkins; Robert W.	Lincoln	NE		
Berry; Elaine D.	Raleigh	NC		
Liewen; Michael B.	Shorewood	MN		

US-CL-CURRENT: 426/61; 426/38, 426/40, 426/43

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5866385 A

L1: Entry 6 of 10

File: EPAB

Feb 2, 1999

PUB-NO: US005866385A

DOCUMENT-IDENTIFIER: US 5866385 A

TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

PUBN-DATE: February 2, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
DICKELY, FRANCOISE	DK
JOHANSEN, ERIC	DK
NILSSON, DAN	DK
HANSEN, EGON BECH	DK

INT-CL (IPC): C12N 1/21; C12N 15/74; A23C 9/123; A23B 7/10

EUR-CL (EPC): C12N015/74

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5691185 A

L1: Entry 7 of 10

File: EPAB

Nov 25, 1997

PUB-NO: US005691185A
DOCUMENT-IDENTIFIER: US 5691185 A
TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

PUBN-DATE: November 25, 1997

INVENTOR-INFORMATION:

NAME	COUNTRY
DICKELY, FRAN OISE	FR
JOHANSEN, ERIC	DK
NILSSON, DAN	DK
HANSEN, EGON BECH	DK
STROMAN, PER	DK

INT-CL (IPC): C12N 1/20; C12N 15/74; C12N 15/00
EUR-CL (EPC): C12N015/68; C12N015/74

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: WO 9510621 A1

L1: Entry 8 of 10

File: EPAB

Apr 20, 1995

PUB-NO: WO009510621A1
DOCUMENT-IDENTIFIER: WO 9510621 A1
TITLE: LACTIC ACID BACTERIAL SUPPRESSOR MUTANTS AND THEIR USE AS SELECTIVE MARKERS AND AS MEANS OF CONTAINMENT IN LACTIC ACID BACTERIA

PUBN-DATE: April 20, 1995

INVENTOR-INFORMATION:

NAME	COUNTRY
DICKELY, FRANCOISE	FR
JOHANSEN, ERIC	DK
NILSSON, DAN	DK
HANSEN, EGON BECH	DK

INT-CL (IPC): C12N 15/74; C12N 15/68; C12N 1/21; A23C 3/08
EUR-CL (EPC): C12N015/68; C12N015/74

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: WO 9109132 A, EP 506789 A1, AU 645459 B, EP 506789 B1, DE 69007298 E, CA 2072007 C

L1: Entry 9 of 10

File: DWPI

Jun 27, 1991

DERWENT-ACC-NO: 1991-208158
DERWENT-WEEK: 200023
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TITLE: Cloning vector used in lactic acid bacteria - contg. replication region not functional in E. coli or B. subtilis and marker gene

INVENTOR: JOSEPHSEN, J; NIELSEN, E W ; TYNKKYNEN, S ; VOGENSEN, F ; VON WRIGHT, A ; WESSELS, S ; VONWRIGHT, A

PRIORITY-DATA: 1990WO-DK00337 (December 20, 1990), 1989WO-DK00298 (December 20, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9109132 A	June 27, 1991		074	
EP 506789 A1	October 7, 1992	E	042	C12N015/74
AU 645459 B	January 13, 1994		000	C12N015/74
EP 506789 B1	March 9, 1994	E	045	C12N015/74
DE 69007298 E	April 14, 1994		000	C12N015/74
CA 2072007 C	November 16, 1999	E	000	C12N015/74

INT-CL (IPC): A23C 9/12; C12N 1/20; C12N 1/21; C12N 15/74; C12R 1/46; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: WO 9109131 A, US 5580787 A, AU 9049533 A, AU 9170459 A, EP 506789 A1, ES 2062757 T3, IE 66032 B

L1: Entry 10 of 10

File: DWPI

Jun 27, 1991

DERWENT-ACC-NO: 1991-208157
DERWENT-WEEK: 199703
COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Food-grade cloning vector used in lactic acid bacteria - comprises replication region and bacteriocin e.g. nisin resistance determinant as selectable marker

INVENTOR: JOSEPHSEN, J; NIELSEN, E W ; TYNKKYNEN, S ; VOGENSEN, F ; VON WRIGHT, A ; WESSELS, S ; NIELSEN, E

PRIORITY-DATA: 1989WO-DK00298 (December 20, 1989), 1990WO-DK00337 (December 20, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9109131 A	June 27, 1991		000	
US 5580787 A	December 3, 1996		022	C12N015/09
AU 9049533 A	July 18, 1991		000	
AU 9170459 A	July 18, 1991		000	
EP 506789 A1	October 7, 1992	E	042	C12N015/74
ES 2062757 T3	December 16, 1994		000	C12N015/74
IE 66032 B	November 29, 1995		000	C12N015/74

INT-CL (IPC): C12N 1/21; C12N 15/09; C12N 15/63; C12N 15/74; C12P 7/56; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225

Full	Title	Citation	Front	Review	Classification	Date	Reference
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Terms	Documents
lactic acid bacteria plasmid	10

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